

REMARKS

The amendments to this Patent Application are as follows.

An Abstract Of The Disclosure has been added on its own separate page. The Specification has been amended on pages 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12 and 16 to include the required section headings and to eliminate reference to the claims. On Page 1 a Cross-Reference To Related Patent Applications has been inserted. On Page 12, a brief description of FIG. 7 has been added. A new revised sheet of drawings for FIGS. 30 and 31 is attached hereto. A Marked-Up Copy of drawings is also enclosed.

In the parent U.S. Patent Application Serial No. 10/265,124 filed October 4, 2002, an Election of Species Requirement was dated May 6, 2003, from U.S.P.T.O. In response to this Election of Species Requirement, claims 55 to 59 were elected with traverse; and claims 60 and 61 were nonelected and were cancelled from the said parent U.S. Patent Application.

The present divisional patent application is being filed for these nonelected embodiments according to the originally filed FIGS. 18 and 19, which correspond to species H and I which in turn correspond to previously filed claims 60 and 61.

Thus original claims 1 to 54 are being cancelled and replaced by new claims 55 to 56. Independent claim 55 is based upon previous claim 60 in said parent U.S. Patent Application. Dependent claim 56 is based upon previous claim 61 in said parent U.S. Patent Application.

Newly added independent claim 55 is based upon the second independent claim 60 of the parent and is directed to the embodiments according to FIGS. 18 and 19 and is substantially composed of the originally filed claims 15 and 16 and the detailed description relating to said figures.

Newly added dependent claim 56 is based upon the claim 61 of the parent and which depends on claim 55, and which corresponds with the originally filed claim 39.

After reviewing FIG. 30 it was noticed that the channel (8) shown in FIG. 31, in particular the flow-through channel (15) is not shown in FIG. 30. Therefore enclosed herewith is a corrected FIG. 30 showing this flow-through channel (15). Also added is the missing reference symbol 274' denoting the opening in the flat coil 274, and reference numeral 163 denoting the sealing layer on the underside of the membrane 272.

During the examination, in the corresponding Austrian Patent Application, new prior art material has been cited. Enclosed is a list of new references cited by the Examiner of the Austrian Patent Office.

<u>Foreign</u>	<u>English Equivalent</u>
DE 22 46 624 A	no English translation
DE 42 20 226 A1	US 5,588,466
DE 195 80 307 T1	US 5,640,987A
DE 15 50 632 A	no English translation
DE 42 27 998 A1	no English translation
DE 41 19 955 A1	US 5,452,878
DE 40 03 619 A1	US 5,271,431
EP 0 339 528 A1	US 5,029,805
EP 0 250 948 A2	no English translation

These documents are listed on the PTO Form 1449, which is included within the Information Disclosure Statement.

The closest prior art reference to the present invention are DE 195 80 307 T1 (US 5,640,987 A) and DE 15 50 632 A.

Both documents show a pressure fluid control valve comprising a valve body having a distribution channel and at least two further channels, the further channels leading to the distribution channel;

- a) at least one piston arranged in the distribution channel, the piston assuming two positions to open and close communication between respective ones of the further channels and the distribution channels, the piston having:
 - collards facing away from each other and connected to the intermediate element;
- b) two coils each of one associated with the collards of the piston.

The present invention differs from the Prior Art due to the fact, that at least two coils are arranged in the distribution channel in the vicinity of surface adjacent to the opening of the further channels.

The Prior Art documents teaches, that the coils (solenoids) are arranged separately from the distribution channel in the valve body. In this manner it is not possible, that the coils

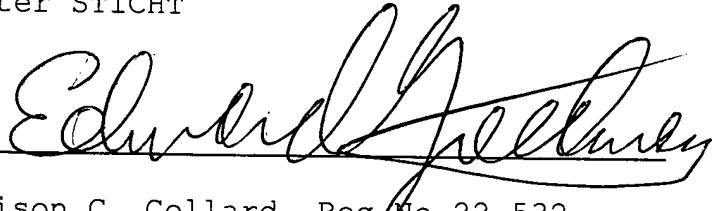
get into contact with the streaming working fluid when the piston is in such a position, where ones of the further channels and the distribution channel are communicating together. By the pressure fluid control valve of the Prior Art it is not possible to dissipate heat produced by the coils, when on the one hand the switching time of pressure fluid control valve should be low and on the other hand the sampling frequency of piston should be high.

No new matter has been introduced by this Amendment. Entry of this Amendment is respectfully requested.

Respectfully submitted,

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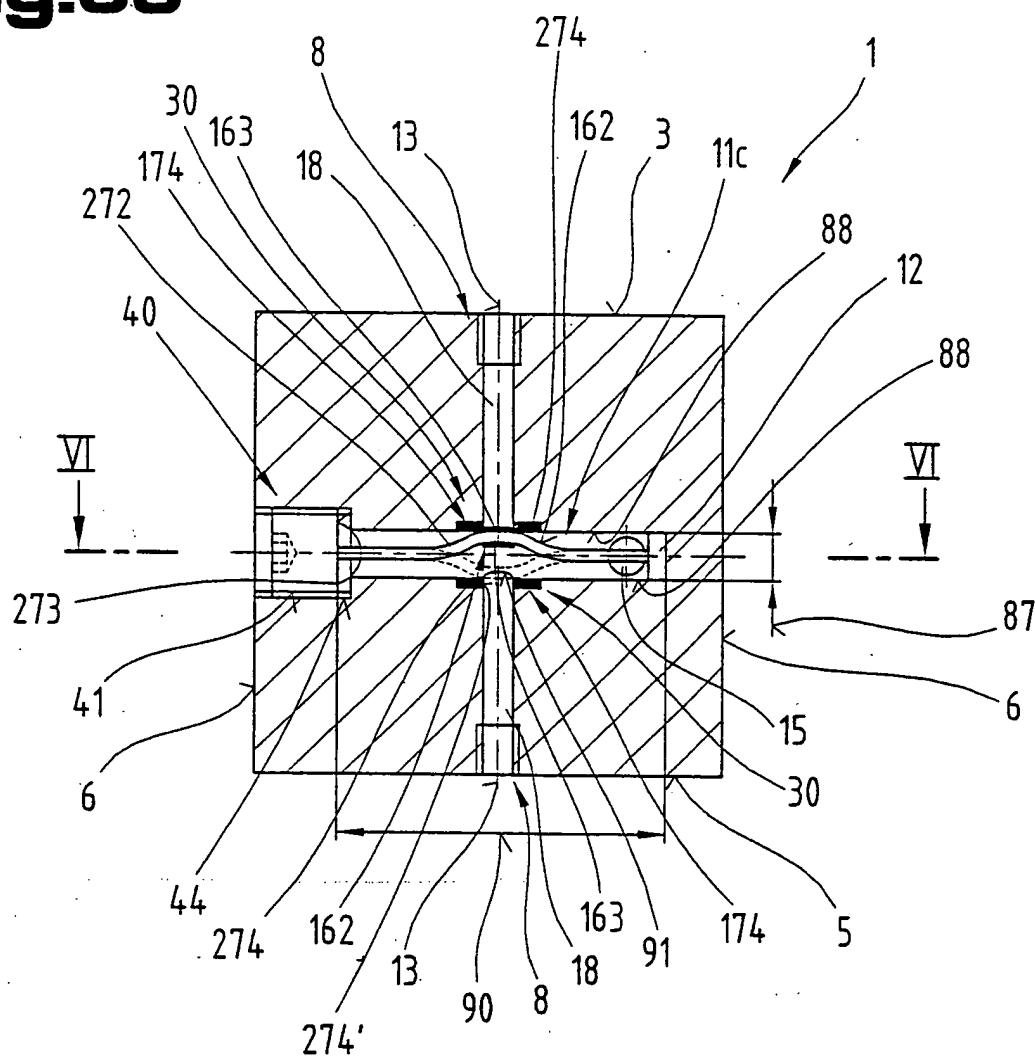
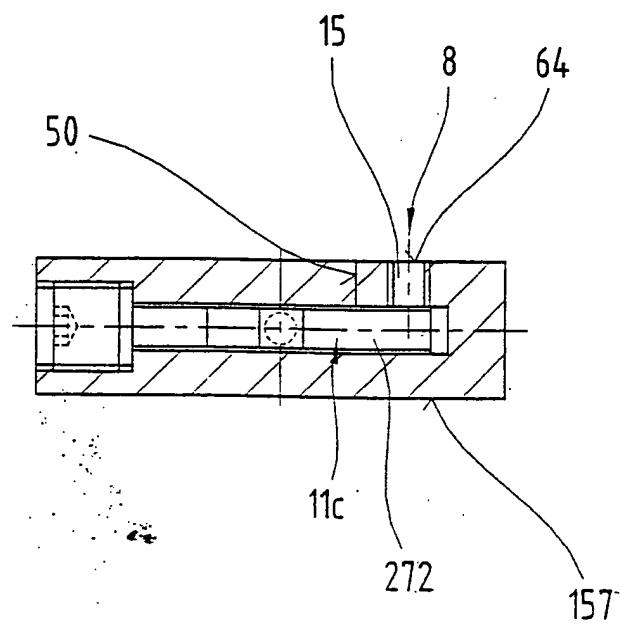
Enclosures:

- 1) Abstract of Disclosure on separate page
- 2) Marked-Up Version of Amended Drawing
- 3) New Sheet of Revised Drawing

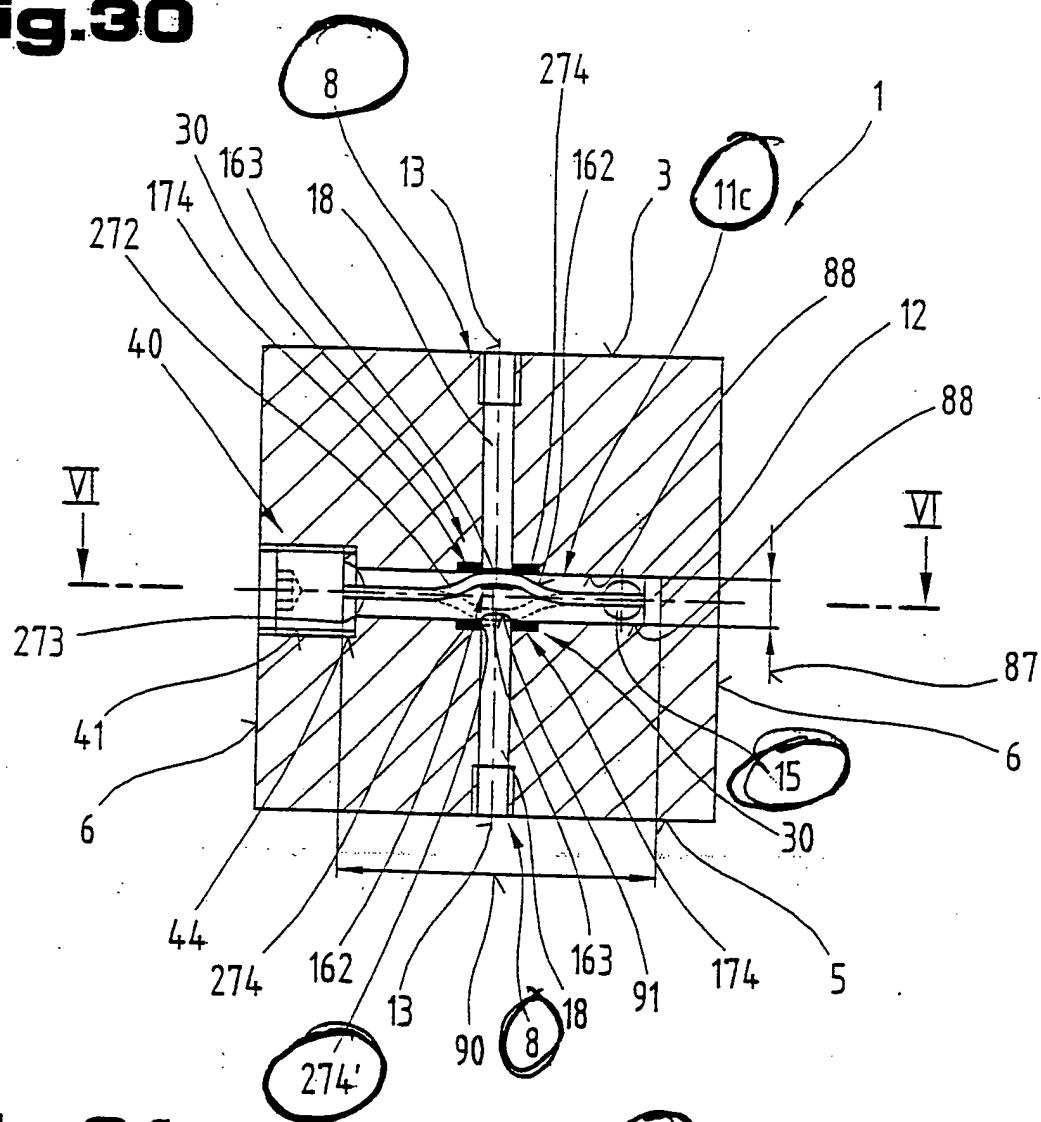
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I hereby certify that this correspondence is being deposited with the U.S. Postal Service as **EXPRESS** mail in an envelope addressed to: Commissioner of Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on DECEMBER 3, 2003.



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Fig.30**Fig.31**

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Fig.30**Fig.31**